SEQUENCE LISTING

<110> Amit, Ido
Yakir , Liat
Yarden, Yosef

<120> POLYNUCLEOTIDES, POLYPEPTIDES AND ANTIBODIES AND USE THEREOF IN TREATING TSG101-ASSOCIATED DISEASES

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Ile Thr Leu Asp Met Leu Ser Arg Met Gly Pro Gly Asp Leu Ala Lys
850 855 860

Val Gly Val Ser Glu Ala Gly Leu Gln His Glu Ile Leu Arg Arg Ala
865 870 875 880

Arg Asp Leu Leu Asp Val Ala Arg Val Gln Pro Glu Leu Lys Pro Pro
885 890 895

Lys Asn Glu Val Phe Gly Val Ser Glu Pro Pro Thr Ala Pro Gln Glu
900 905 910

Leu Pro Glu Ser Val Arg Pro Ser Ala Pro Pro Ala Glu Leu Asp Val
915 920 925

Pro Thr Ser Glu Cys Val Val Cys Leu Glu Arg Glu Ala Gln Met Val
930 935 940

Phe Leu Thr Cys Gly His Val Cys Cys Cys Gln Gln Cys Cys Gln Pro
945 950 955 960

Leu Arg Thr Cys Pro Leu Cys Arg Gln Glu Ile Ser Gln Arg Leu Arg
965 970 975

Ile Tyr His Ser Ser
980

<210> 7
<211> 234
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<213> Homo sapiens

<220>
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<223> Active portion of human Tal

<400> 7

Leu Lys Arg Lys Ser Leu Asp Thr Glu Ser Leu Gln Glu Met Ile Ser
1 5 10 15

Glu Gln Arg Trp Ala Leu Ser Ser Leu Leu Gln Gln Leu Leu Lys Glu
20 25 30

Lys Gln Gln Arg Glu Glu Glu Leu Arg Glu Ile Leu Thr Glu Leu Glu
35 40 45

Ala Lys Ser Glu Thr Arg Gln Glu Asn Tyr Trp Leu Ile Gln Tyr Gln
50 55 60

Arg Leu Leu Asn Gln Lys Pro Leu Ser Leu Lys Leu Gln Glu Glu Gly
65 70 75 80

Met Glu Arg Gln Leu Val Ala Leu Leu Glu Glu Leu Ser Ala Glu His
85 90 95

Tyr Leu Pro Ile Phe Ala His His Arg Leu Ser Leu Asp Leu Leu Ser
100 105 110

Gln Met Ser Pro Gly Asp Leu Ala Lys Val Gly Val Ser Glu Ala Gly
115 120 125

Leu Gln His Glu Ile Leu Arg Arg Val Gln Glu Leu Leu Asp Ala Ala
130 135 140

Arg Ile Gln Pro Glu Leu Lys Pro Pro Met Gly Glu Val Val Thr Pro
145 150 155 160

Thr Ala Pro Gln Glu Pro Pro Glu Ser Val Arg Pro Ser Ala Pro Pro
165 170 175

Ala Glu Leu Glu Val Gln Ala Ser Glu Cys Val Val Cys Leu Glu Arg
180 185 190

Glu Ala Gln Met Ile Phe Leu Asn Cys Gly His Val Cys Cys Cys Gln
195 200 205

Gln Cys Cys Gln Pro Leu Arg Thr Cys Pro Leu Cys Arg Gln Asp Ile
210 215 220

Ala Gln Arg Leu Arg Ile Tyr His Ser Ser
225 230

<210> 8
<211> 77
<212> PRT
<213> Homo sapiens

<220>
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<223> Active portion of human Tal

<400> 8

Val Thr Pro Thr Ala Pro Gln Glu Pro Pro Glu Ser Val Arg Pro Ser
1 5 10 15

Ala Pro Pro Ala Glu Leu Glu Val Gln Ala Ser Glu Cys Val Val Cys
20 25 30

Leu Glu Arg Glu Ala Gln Met Ile Phe Leu Asn Cys Gly His Val Cys
35 40 45

Cys Cys Gln Gln Cys Cys Gln Pro Leu Arg Thr Cys Pro Leu Cys Arg
50 55 60

Gln Asp Ile Ala Gln Arg Leu Arg Ile Tyr His Ser Ser
65 70 75

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ggaattcgtc atggcggtgt cggag 25

<210> 10
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<220>
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<400> 10
cctcgagtca gtagaggtca ctgagaccg 29

<210> 11
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<212> DNA
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<220>
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<400> 11
ggaattcggg cttattcagg tcatgattg 29

<210> 12
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<212> DNA
<213> Artificial sequence

<220>
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<400> 12
ccgggacatt cccacagctc cctta 25

<210> 13
<211> 35
<212> DNA
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<220>
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<400> 13
aaactgcagc cagagcagaa ctgagttctt catcc 35

<210> 14
<211> 27
<212> DNA
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<220>
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<400> 14
aaactgcagg gcacgatcca tttcctc 27

<210> 15
<211> 19
<212> DNA
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<220>
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<400> 15
cctgcagagc tggaggtgc 19

<210> 16
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<212> DNA
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<220>
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<400> 16
gacgacctca cccattggtg 20

<210> 17
<211> 24
<212> DNA
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<220>
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<400> 17
gtatgtatta cctctataag gcac 24

<210> 18
<211> 23
<212> DNA
<213> Artificial sequence

<220>
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<400> 18
gggcttattc aggtcatgat tgt 23

<210> 19
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<400> 19
cacaatcatg acctgaataa gcc 23

<210> 20
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<220>
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<400> 20
gaggacacca tccgagcctc 20

<210> 21
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<220>
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<400> 21
gaggctcgga tggtgtcctc 20

<210> 22

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<220>
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<400> 22
cattcccaca gctcccttat ac 22

<210> 23
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<212> DNA
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<400> 23
gtataaggga gctgtgggaa tg 22

<210> 24
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<400> 24
ggaggtggag actacaagga c 21

<210> 25
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<400> 25
ccgggatcca tggcggtgtc ggag 24

<210> 26
<211> 37
<212> DNA
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<400> 26
atagtttagc ggccgctagt cacttgtcat cgtcgtc 37

<210> 27
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cccaagcttg gaaggatgcc gctctt 26

<210> 28
<211> 61
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ggggtacccc tcatcaggca taatcgggta catcataggg atagctgctg tggtagatgc 60

g 61

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<212> DNA
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<400> 29
ctcttcttgc agcttcaagg 20

<210> 30
<211> 18
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<220>
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<400> 30
gccaggatcc agccagag 18

<210> 31
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<400> 31
cctcaactgt ggcgccgtct gctgctgcc 29

<210> 32
<211> 29
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ggcagcagca gacggcgcca cagttgagg 29

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<211> 19
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cctgcagagc tggaggtgc 19

<210> 34
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<220>
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<400> 34
gacgacctca cccattggtg 20

<210> 35
<211> 19
<212> DNA
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<220>
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<400> 35
gaggagctgt cggctgagc 19

<210> 36
<211> 27
<212> DNA
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<220>
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<400> 36
taacttaatc tggctcctga tctgccg 27

<210> 37
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<212> PRT
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<220>
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<223> Active portion of human Tal

<400> 37

Val Thr Pro Thr Ala Pro Gln Glu Pro Pro Glu Ser Val Arg Pro Ser
1 5 10 15

Ala Pro Pro

<210> 38
<211> 700
<212> DNA
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<223> Active portion of human Tal

<400> 38
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cctcagctcc ctgctccagc agctgctcaa agagaagcag cagcgagagg aagagctccg 120

ggaaatcctg acggagttag aagccaaaag tgaaaccagg caggaaaatt actggctgat 180

tcagtatcaa cggcttttga accagaagcc cttgtccttg aagctgcaag aagaggggat 240

ggagcgccag ctggtggccc tcctggagga gctgtcggct gagcactacc tgcccatctt 300

tgcgcaccac cgcctctcac tggacctgct gagccaaatg agcccagggg acctggccaa 360

ggtgggcgtc tcagaagctg gcctgcagca cgagatcctc cggagagtcc aggaactgct 420

ggatgcagcc aggatccagc cagagctgaa accaccaatg ggtgaggtcg tcacccctac 480

ggcccccag gagcctcctg agtctgtgag gccatccgct ccccctgcag agctggaggt 540

gcaggcctca gagtgtgtcg tgtgcctgga acgggaggcc cagatgatct tcctcaactg 600

tggccacgtc tgctgctgcc agcagtgctg ccagccactg cgcacctgcc cgctgtgccg 660

ccaggacatc gcccagcgcc tccgcatcta ccacagcagc 700

<210> 39
<211> 231
<212> DNA
<213> Homo sapiens

<220>
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<223> Active portion of human Tal

<400> 39
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gagctggagg tgcaggcctc agagtgtgtc gtgtgcctgg aacgggaggc ccagatgatc 120

ttcctcaact gtggccacgt ctgctgctgc cagcagtgct gccagccact gcgcacctgc 180

ccgctgtgcc gccaggacat cgcccagcgc ctccgcatct accacagcag c 231

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<211> 55
<212> DNA
<213> Homo sapiens

<220>
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<223> Active portion of human Tal

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<220>
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<400> 41
ccuccagucu ucucucguct t 21

<210> 42
<211> 21
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<220>
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<400> 42
ttggagguca gaagagagca g 21

<210> 43
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<220>
<223> SiRNA synthetic oligonucleotide

<400> 43
guccaaaggu uccggagact t 21

<210> 44
<211> 21
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<220>
<223> SiRNA synthetic oligonucleotide

<400> 44
ttcagguuuc caaggccucu g 21

<210> 45
<211> 21
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<223> SiRNA synthetic oligonucleotide

<400> 45
ucaccucacu ucccugcuut t 21

<210> 46
<211> 21
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<213> Artificial sequence

<220>
<223> SiRNA synthetic oligonucleotide

<400> 46
ttaguggagu gaagggacga a 21

<210> 47
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<400> 47
ugcugacuga gagcuguaat t 21

<210> 48
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<400> 48
uuacagcucu cagucagcat t 21

<210> 49
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<400> 49
aaugucgaga gucagucgut t 21

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<400> 50
acgacugacu cucgacauut t 21

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<220>
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<400> 51

Glu Val Val Thr Pro Thr Ala Pro Gln Glu Pro Pro Glu Ser Val Arg
1 5 10 15

Pro Ser Ala Pro Pro Ala Glu
20

<210> 52
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<212> DNA
<213> Artificial sequence

<220>
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<400> 52
aagaattcag aggtcgtcac ccctacgg 28

<210> 53
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> Single strand DNA oligonucleotide

<400> 53
aaggatccct ctgcaggggg agcgg 25